



Missouri Teacher Preparation Institution PROFILE

UNIVERSITY OF MISSOURI-ST. LOUIS

GENERAL INFORMATION

About the Institution

- UM-St. Louis, one of four campuses of the University of Missouri system, was founded in 1963 as a metropolitan land grant institution. It is located on a 250-acre suburban campus in northwest St. Louis County and has residence centers in St. Charles County and Jefferson County. UM-St. Louis has a curriculum of 43 undergraduate degree programs, 25 master's programs, 10 doctoral programs, one professional program, and 11 certificate programs. Of these programs, seven are pre-professional and six are intra-divisional.

Source: University of Missouri-St. Louis (<http://www.umsi.edu>)

- Enrollment* **15,228** (12,737 undergraduates)

Non-resident Alien	3.0%
African American	11.6%
American Indian	0.3%
Asian	2.7%
Hispanic	1.3%
White	77.1%
Other	5.2%

Missouri residents 94% (undergraduates)

Male	38%
Female	62%

*Fall 2000 Headcount

Source: 2000-2001 Statistical Summary of Missouri Higher Education (Tables 19a, 19b, 32a & 32b)

Transfer Students from Missouri Public Community Colleges* 816

*Fall 2001 degree-seeking undergraduate students

Source: 2000-2001 Statistical Summary of Missouri Higher Education (Tables 73a & 73b)

Bright Flight Scholarship Students¹ 199

Source: 2000-2001 Statistical Summary of Missouri Higher Education, Jan. 2001 (Tables 18a & 18b)

Byrd Scholarship Students (Missouri residents)² 2

Source: Missouri Department of Elementary and Secondary Education

- Entrance Requirements

Selection of students for regular admission is based on high school class rank, performance on a standardized college aptitude test, and high school credits (at least 17 units are required). Freshman applicants must have their high school submit an official transcript showing course work, final class rank, and ACT or SAT scores.

Source: University of Missouri-St. Louis Web Site

- Average ACT Score of 1995 Freshmen Class*³ 21.8

*Fall 1995 degree-seeking, ACT-tested, first-time freshmen

Source: 1994-1995 Statistical Summary of Missouri Higher Education, Missouri Coordinating Board for Higher Education (Tables 1.1 & 1.2)

Compiled
by the
Missouri
Department of
Elementary
and Secondary
Education

December 2001

- Tuition & Fees, Typical Full-time Undergraduate Student*

<u>Missouri Resident</u>	<u>Non-resident</u>
\$4,940.40	\$13,109.40

*2000-2001 academic year

Source: 2000-2001 Statistical Summary of Missouri Higher Education (Tables 13a& 13b)

About the Education Program

- The College of Education is one of 10 academic units at UM-St. Louis. At the undergraduate level, the College of Education offers the Bachelor of Science in education degree. The college also has an extensive post-baccalaureate teacher certification program. At the graduate level, the college offers the master of education, doctor of education, and doctor of philosophy in education degrees.

Source: University of Missouri-St. Louis, August 2000

- Enrollment in Undergraduate Professional Education Programs* **913**

American Indian	0.3%
Asian	1.3%
African American	9.4%
Hispanic	1.1%
White	82.4%
Other	0.0%
Nonresident Aliens	0.2%
Unknown	5.3%

Missouri residents **97%**

Male	24.6%
Female	75.4%

*Fall 1999 Headcount (full-time students)

Source: Institution AACTE/NCATE Report or MoSTEP Annual Report, Oct 2000

Transfer Students from Missouri Public Community Colleges* **Not Reported**

*Fall 2001 degree-seeking undergraduate students

Missouri Teacher Education Scholarship Students ⁴	19
Missouri Minority Teaching Scholarship Students ⁵	17

Source: Missouri Department of Elementary and Secondary Education

- Education Program Entrance Requirements

Prospective students must

1. submit qualifying score on the C-BASE of 235 (composite)
2. score either 20 on the ACT composite or 800 on the SAT
3. complete 60 hours of college or university courses
4. accumulate a grade point average of 2.5 or better
5. complete TchEd 210, 211 and 212 (Level 1 Foundation Courses) with a grade of C or better
6. submit a notarized Affidavit of Moral Character that includes a criminal check and child abuse/neglect screening
7. if transferring without a community college degree, submission of suitable portfolio or case study document.

Source: University of Missouri-St. Louis 2002

- Information about Education Program Completers ⁶

Completers of 1999-2000 teacher preparation program **378**

Age	
Under 25	36%
25-34	46%

35-44	11%
45-54	6%
55 and over	1%

Semesters: Fall 1999, Winter 2000, and Summer 2000

Source: Missouri Department of Elementary and Secondary Education

Average ACT score ⁷ (applicants for certification) **22**

Source: Missouri Department of Elementary and Secondary Education: Certification Files

C-BASE scores ⁸

Passed all five subjects *first time*

Took Test	Passed all Subjects	English			Writing			Math			Science			Social St.		
		Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
278	185	237	429	313	236	417	306	235	475	336	236	462	324	236	456	303

Passed all five subjects, *one or more attempts* through December 1998

Took Test	Passed all Subjects	English (313)*			Writing (314)*			Math (314)*			Science (306)*			Social St. (303)*		
		Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
278	275	235	429	296	236	417	300	435	475	313	235	462	310	236	456	289

*state median score

Source: Assessment Resource Center

Employed in Missouri public schools⁹ in 2000-2001* **232(61%)**

Missouri Public School districts employing University of Missouri - St. Louis
1999-2000 program completers **46**

Major Employers of University of Missouri - St. Louis 1999-2000 program completers

Clayton	8	Northwest R I	8
Ferguson Florissant R II	10	Parkway School District	17
Francis Howell R III	9	Pattonville R IX	6
Ft Zumwalt School District	18	Riverview Gardens School District	6
Hazelwood School District	18	Rockwood R VI	20
Lindbergh R-VIII	6	Special School District St Louis County	18
Mehlville R IX	6	St Louis City School District	25
Meramec Valley R III	5	Wentzville R IV	6

Source: Missouri Department of Elementary and Secondary Education

Program completers in private school or out-of state **40 (11%)**

Source: Title II of the Higher Education Act Institutional Report, Academic year: 1999-200

*Does not include individuals who received their teaching credentials but were employed in another field or unemployed

RESOURCES

Institution

- Full-time Faculty at UMSL **505**

Source: 2000-2001 Statistical Summary of Missouri Higher Education (Tables 44a & 44b)

Education Program

- Full-time Education Program Faculty **66**
 - American Indian 1
 - Asian 1
 - African American 8
 - Hispanic 0
 - White 39
 - Nonresident Aliens 0
 - Other 0
 - Male 31
 - Female 35

Doctorate Degree	64
Missouri Teaching Certificate	30
National Board Certification	0

- Adjunct Education Program Faculty 82
- Full-time with the institution, part-time in education 9
- Part-time in education 73

Source: Institution AACTE/NCATE Report, Oct. 1, 2000 &/or MoSTEP Report Form A & B, Missouri Addendum 2, Oct. 2000

EDUCATION PROCESSES

Institution

- Student-to-Faculty Ratio* Not Reported
 - Average Class Size* Not Reported
- *undergraduate program

Education Program

- Student-to-Faculty Ratio Not Reported
- Average Class Size 25
- Educational Philosophy

The University of Missouri-St. Louis 21st Century College of Education will be a national leader in education research and scholarship that supports education professionals within an expanding collaborative community. The College is committed to significantly advancing the quality of teaching and learning as it serves a dynamic, technologically advanced, and diverse community.

The University of Missouri-St. Louis College of Education provides a collaborative teaching and learning environment which prepares and provides support to professional educators for instructional, leadership, research and other professional roles in school, and non-school settings to serve a dynamic, technologically advanced, and diverse community.

Source: Title II of the Higher Education Act Institutional Report, Academic year: 1999-2000

- Practical Experience Requirements for Education Majors

The foundations of teacher education are provided through the newly designed Level 1, Exploratory courses, TchEd 210, TchEd 211, and TchEd 212. These introductory courses about schools, teaching and learning are required of all education students and are taken early in all programs. Throughout the field experiences provided by these courses and all undergraduate program courses, students work and teach with students and instructors representing a variety of diverse populations and grade levels in the St. Louis area. The conceptual framework of the undergraduate program stresses teachers as lifelong, critical, and reflective learners and inculcates the practice of having candidates critique and reflect upon their teaching.

Elementary and middle school education majors student teach in one school setting for a 14 week experience. Secondary education majors student teach for 16 weeks in a single setting. Those majors which span the K-12 grade levels are physical education and special education and so are placed in two settings for student teaching, each for seven weeks. Early childhood education majors student teach in a pre-K site for 7 weeks and a grade 1- 3 setting for a second 7 week experience. Portfolios are required of all graduates, who begin collecting and composing their work in the Level 1 courses. All student teachers will experience an internship prior to the formal student teaching semester. At the advanced levels, field experiences are developed on an individual basis, depending upon the experience of the candidate.

Source: University of Missouri-St. Louis 2002

- Information about supervised student teaching

- The number of students who were in programs of supervised student teaching during academic year 1999-2000? **404**
- Total number of supervising faculty for the teacher preparation program during 1999-2000: **35**
- The student/faculty ratio was: **11.5/1**
- The average number of hours per week required of student participation in supervised student teaching in these programs was: **30-35** hours. The total number of weeks of supervised student teaching required is **14-15**. The total number of hours required is **300-500** hours.

Source: Title II of the Higher Education Act Institutional Report, Academic year: 1999-2000

- Professional Development School(s)

Teacher preparation course work is completed in a campus-based program and in close cooperation with several school and district sites. Field experiences at partner schools feature opportunities for authentic learning in school-based settings and the opportunity to work with practicing teachers to share responsibility for teaching and learning. Current UM-St. Louis partnerships include a systemic collaboration with all levels of schools in the Ferguson-Florissant School District, Riverview Garden School District, Normandy School District, St. Louis Public School District, St. Louis Charter School, Thurgood Marshall Charter School, Ethel Lyle Hegemenn Academy, Fox School District, elementary schools in the Hazelwood, Ritenour, Lindbergh, Francis-Howell, Maplewood - Richmond Heights and Parkway School Districts. Goals of the model Metro Cluster Community Programs are to maximize pre service and K-12 student performance and achievement; provide professional development for beginning and experienced teachers and other school-based educators; apply inquiry designed to improve practice; provide simultaneous renewal of schools and teacher education; and incorporate the best available knowledge into programs and practices. These sites also provide an intense internship experiences for education students, prior to the student teaching semester.

Source: University of Missouri-St. Louis, 2002

- Co-curricular Programs

The following programs offer additional learning opportunities for teacher education students: the Center for Human Origins and Cultural Diversity; GearUp (Gaining Early Awareness and Readiness for Undergraduate Programs); Missouri-Iowa Coop Grant; the Bridge Program; Access to Success; Regional Collaborative Institute for Tutorial Education; Empowering Young Women; Gateway Writing Institute; Regional Institute for Science Education; Leadership Academy for Character Education; Summer Internship with Scientists; Missouri Geography Alliance; Citizenship Education Clearing House; Girls, Inc.

- Instructional Technology Requirements

Preservice teachers are required to meet these minimum standards:

- create and edit documents in a word processing program
- attend an orientation to the Technology and Learning Center
- use technology to create educational materials and displays
- access educational web sites and integrate the material obtained into a lesson
- search for educational topics on the web
- place the artifacts for their portfolios in a digital format
- acquire the knowledge necessary to use any application of technology being used at a field-experience site

The university opened the Technology and Learning Center in April 2000 and expects to upgrade the standards as students and faculty spend increased time in the center.

Source: University of Missouri-St. Louis, April 2000

- Accredited, NCATE (National Council for Accreditation of Teacher Education)

Source: National Council for Accreditation of Teacher Education Web Site

PERFORMANCE

- Missouri certificates* issued to **UMSL** education 1999-2000 program, by subject area and grade level

Subject Area	Grade Level	Recommended for Certification
Business Education Except Shorthand	9-12	9
Early Childhood Education	B-3	35
Elementary Education	1-6	193
English	9-12	21
German	K-12	1
Mathematics	9-12	4
Middle School: Language Arts	5-9	5
Middle School: Mathematics	5-9	7
Middle School: Science	5-9	9
Middle School: Social Studies	5-9	15
Mild/Moderate: Behavior Disordered	K-12	18
Mild/Moderate: Cross Categorical	K-12	4
Mild/Moderate: Learning Disabled	K-12	42
Mild/Moderate: Mentally Handicapped	K-12	10
Music – Instrumental	K-12	7
Music – Vocal	K-12	8
Physical Education	K-9	3
Physical Education	K-12	12
Social Science	9-12	43
Spanish	K-9	2
Spanish	K-12	4
Speech/Theatre	9-12	4
Unified Science: Biology	9-12	6
Unified Science: Chemistry	9-12	3
Total		465

*Number of certificates issued, not number of graduates

Source: Missouri Department of Elementary and Secondary Education

- Performance of Program Completers* on Praxis II Exit Exam¹⁰

Test Name	Total Examinees	Passing Percentage	Qualifying Score	Institutional Average	Missouri Average	National Median
Biology: Content Knowledge	6	100%	156	166	171	169
Business Education	10	100%	550	617	641	630
Chemistry: Content Knowledge	3	100%	142	174	163	153
Early Childhood Education	35	100%	550	686	672	660
Elem. Ed.: Curriculum, Instruction, & Assessment	145	100%	164	181	180	179
English Lang., Lit. & Comp.: Content Knowledge	18	100%	158	180	176	176
English Language and Literature	2	100%	500	615	615	590
German: Content Knowledge	1	100%	161	+	181	185
Mathematics: Content Knowledge	5	100%	137	147	154	143
Music Education	1	100%	510	+	600	620
Music Education: Content Knowledge	15	100%	151	163	164	164
Physical Education: Content Knowledge	14	100%	153	161	158	156
Principles of Learning and Teaching (5-9)	18	100%	160	179	177	174
Social Studies: Content Knowledge	43	100%	152	172	171	168
Spanish: Content Knowledge	4	100%	158	184	170	177
Special Education	54	100%	490	637	629	610

Speech Communication	4	100%	530	615	686	660
Total	378	100%				

*Program Completers as defined by "Title II of the Higher Education Act", Academic year: 1999-2000

+ Institutional Average not provided for less than 2 examinees

Source: Educational Testing Service

- Follow-up on UMSL Program Completers

Education program completers who received initial Missouri certification in 1994

371

Employed in Missouri public schools in

1995-96	219 (59%)
1996-97	221 (60%)
1997-98	221 (60%)
1998-99	216 (58%)
1999-00	201 (54%)

Employed in Missouri public schools in 1999-00, with master's degree

52 (14%)

Employed in the same Missouri public school district in

1995-96	219 (59%)
1995-97	197 (59%)
1995-98	174 (47%)
1995-99	156 (42%)
1995-00	136 (37%)

Certification Status as of Sept. 1, 2001

Holding Valid PC I	3 (1%)
Holding Valid PC II	250 (67%)
Lapsed ¹¹	118 (32%)

Source: Missouri Department of Elementary and Secondary Education

Major Employers ¹²

Missouri school districts employing UMSL graduates* **200**

University of Missouri-St. Louis had 6,957 graduates teaching in Missouri public schools during the 200-01 school year.

School districts employing 6 percent or more of University of Missouri-St. Louis' 6,957 graduates teaching in Missouri public schools during the 200-01 school year

Parkway C-2	6.58%	(458)
Hazelwood	6.82%	(478)
St. Louis City	9.77%	(680)
Special School District of St. Louis Co.	9.45%	(658)

School districts where UM-St. Louis graduates make up 25-49 percent of faculty

Afton	Hazelwood	Riverview Gardens
Bayless	Jennings	Special Sch. Dist. of St. Louis Co.
Ferguson Florissant R-II	Mehlville R-IX	St. Charles R -VI
Fox C-6	Northwest R-I	Valley Park
Francis Howell R-III	Parkway	Wentzville R-IV
Ft. Zumwalt	Pattonville R-III	
Hancock Place	Ritenour	

*Includes all graduates of UMSL teaching in the district, not just those who completed the education program

Source: Missouri Department of Elementary and Secondary Education

<u>STARR Teachers</u> ¹³	7
<u>National Board Certified Teachers</u> ¹⁴	3
<u>Missouri Teachers of the Year</u> ¹⁵	2

Source: Missouri Department of Elementary and Secondary Education

Other Honors and Awards Earned by Graduates

Students currently enrolled in the education program are recognized through programs such as Who's Who; the Student Activities Aware; College of Education Outstanding Seniors; Kappa Delta Pi Honor Society; Phi Kappa Phi Honor Society. In addition, there are 16 campus awards dedicated for College of Education undergraduate and graduate students.

Source: University of Missouri-St. Louis, April 2000